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Table S1

Published estimates of tinnitus prevalence in children

Authors	Year	N	Nature of sample	Country	Age of children (yrs)	Question(s) used to estimate prevalence	Prevalence estimate (%)
Aksoy et al	2007	1010	NH	Turkey	6-16	“Have you ever had noises in your head or ears?” “Nowadays do you hear noises in your head or ears?”	15.1
Brunnberg et al	2008	2730 148	NH HI	Sweden	15-16	“Have you experienced tinnitus during the last 3 months?”	6.0 in normal hearing 39.2 in hearing impaired
Bulbul et al	2009	428	POP	Turkey	11-18	“Have you ever had any auditory problem? (otalgia, tinnitus or hearing loss)” “What kind of hearing problem you had [sic]? You can tick more than one choice (a) Ear disease (b) Hearing loss (c) Otitis (d) Tinnitus (e) Vertigo, balance difficulty (f) Others.....”	Age 11-13: 33.5 Age 13-15: 36.8 Age 16-18: 31.5
Coelho et al	2007	506	POP	Brazil	5-12	“Do you hear a noise inside your ears/head?” + ability to describe and localise it	37.5 tinnitus sensation 19.6 tinnitus suffering
Holgers	2003	964	POP	Sweden	7	“Have you heard a ringing, buzzing or other sort of sound in your ears without first having listened to loud music or other loud sounds?”	12.0
Humphriss et al (present study)	2015	7097	POP	UK	11	Do you ever get noises in your ears? (not associated with noise exposure)	28.1 “any” tinnitus 3.1 “clinically significant” tinnitus
Juul et al	2012	706 50	NH HI	Sweden	7	“Have you heard a ringing, buzzing or other sort of sound in your ears without first having listened to loud music or other	27.0 in normal hearing 58.0 in HI children

						loud sounds?”	
Kim et al	2012	928	POP	South Korea	10-12	“Students were asked to choose one among always, sometimes or never if they have tinnitus”	46.9 (more than one episode)
Loprinzi et al	2013	963	POP	USA	12-19	Asked if “in the last 12 months they had ever had ringing, roaring or buzzing in their ears or head that lasted at least 5 mins.”	8.9
Mahboubi et al	2013	3520	POP	USA	12-19	“In the past 12 months, have you been bothered by ringing, roaring, or buzzing in your ears or head that lasts for 5 minutes or more?”	7.5 4.7 “chronic tinnitus”
Mills et al	1986	93 109 403	NH Ear disease ENT clinic	UK	5-18	Asked “whether or not they had noises in their ears” and whether they could describe the noise without prompting.	29.0 in normal hearing group; 9.6 “bothered by it” 38.5 in ear disease group 3% in paediatric ENT clinic
Niskar et al	1998	6113	POP	USA	6-19	Buzz, ringing or other noise in ear today	3.2
Nodar et al	1972	2055 - 2142	POP	USA	10-18	Asked “Do you have any noises in your ears, such as ringing, buzzing, or clicks?”	14.3 – 15.9
Park et al	2014	3047 (estimated population 5229352)	POP	Korea	12-19	Asked “if they heard ringing, buzzing, roaring or hissing sounds without any external acoustic source within the last year”. “Are you uncomfortable because of these sounds?” (No / a little annoying / very annoying)	17.7 “any” tinnitus Of these: 84.3 no discomfort 15.1 “a little annoyed” 0.6 severe discomfort
Raj-Koziak et al	2011	60212	POP	Poland	7	Asked “if they can hear noise in their ears or head”	13.6
Olsen Widen and	2004	1285	POP	Sweden	13-19	“Do you have permanent tinnitus (buzzing or ringing) in your ears all the time?”	8.7 permanent tinnitus

Erlandsson							
Xu et al	2011	958	POP	China	10-19	“In the past year have you had noises in your ears or head which lasted longer than 5 minutes?”	1.4

Key: NH = normal hearing; HI = hearing impaired; POP = population-based sample